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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/708,374

02/26/2004

Hong-Da LIU

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7590

09/22/2006

EXAMINER

PIZIALI, JEFFREY J

NORTH AMERICA INTELLECTUAL PROPERTY CORPORATION
P.O. BOX 506
MERRIFIELD, VA 22116

ART UNIT

PAPER NUMBER

2629

DATE MAILED: 09/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/708,374	Applicant(s) LIU, HONG-DA	
	Examiner Jeff Piziali	Art Unit 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) 1-36 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Election/Restrictions

2. This application contains claims directed to the following patentably distinct species, sub-species, sub-sub-species, and sub-sub-sub-species:

Species I, drawn to *a liquid crystal display* (see Paragraph 36 of the instant specification, for instance);

Species II, drawn to *an organic light emitting display* (see Claim 3 of the instant specification, for instance);

Species III, drawn to *a cold light display* (see Claim 3 of the instant specification, for instance); and

Species IV, drawn to *an electrophoretic display* (see Paragraph 36 of the instant specification, for instance). Wherein each of Species I-IV are directed to the following patentably distinct sub-species:

Sub-Species A, drawn to *a display having first display region and a second display region, each having the same structure* (see Paragraph 36 of the instant specification, for instance); and

Sub-Species B, drawn to *a display having first display region and a second display region, each having a different structure* (see Paragraph 36 of the instant specification, for instance). Wherein each of Species I-IV and Sub-Species A-B are directed to the following patentably distinct sub-sub-species:

Sub-Sub-Species 1, drawn to *a display having transmissive pixels* (see Paragraph 36 of the instant specification, for instance);

Sub-Sub-Species 2, drawn to *a display having reflective pixels* (see Paragraph 36 of the instant specification, for instance); and

Sub-Sub-Species 3, drawn to *a display having transflective pixels* (see Paragraph 36 of the instant specification, for instance). Wherein each of Species I-IV, Sub-Species A-B, and Sub-Sub-Species 1-3 are directed to the following patentably distinct sub-sub-sub-species:

Sub-Sub-Sub-Species a, drawn to *a first image comprising a block being the same as a second image* (see Paragraph 44 of the instant specification, for instance);

Sub-Sub-Sub-Species b, drawn to *a first image comprising a block being the inverse to a second image* (see Paragraph 45 of the instant specification, for instance);

Sub-Sub-Sub-Species c, drawn to *a second image being a part of a first image* (see Paragraph 46 of the instant specification, for instance); and

Sub-Sub-Sub-Species d, drawn to *a second image being a part of an inverse of a first image* (see Paragraph 46 of the instant specification, for instance).

The species, sub-species, sub-sub-species, and sub-sub-sub-species are independent or distinct because the species, sub-species, sub-sub-species, and sub-sub-sub-species do not overlap in scope, i.e., are mutually exclusive; the species, sub-species, sub-sub-species, and sub-sub-sub-species are not obvious variants; and the species, sub-species, sub-sub-species, and sub-sub-sub-species each have a materially different design, mode of operation, function, and effect.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, sub-species, sub-sub-species, and sub-sub-sub-species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, claims 1, 4, 5, 10, 13-17, 21-23, 25-28, 35, and 36 appear to be generic.

Applicant is advised that a reply to this requirement must include an identification of the species, sub-species, sub-sub-species, and sub-sub-sub-species (e.g., "Species I-A-2-b") that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species, sub-species, sub-sub-species, and sub-sub-sub-species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable

upon the elected species, sub-species, sub-sub-species, and sub-sub-sub-species. MPEP § 809.02(a).

3. A telephone call was made to Winston Hsu (Registration Number 41,526) on 18 September 2006 to request an oral election to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species, sub-species, sub-sub-species, and sub-sub-sub-species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species, sub-species, sub-sub-species, and sub-sub-sub-species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species, sub-species, sub-sub-species, and sub-sub-sub-species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species, sub-species, sub-sub-species, and sub-sub-sub-species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeff Piziali whose telephone number is (571) 272-7678. The examiner can normally be reached on Monday - Friday (6:30AM - 3PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on (571) 272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Jeff Piziali
18 September 2006